

## Holy Family RC Primary –September 2016

Year	Science	History	Geography	Art	Design and Technology	Physical Education	Languages	Computing
Year 1	<p>Children through scientific investigations will study the topics below:</p> <p>Plants</p> <p>Animals including humans</p> <p>Everyday materials</p> <p>Seasonal changes</p>	<p>Children will study the topics below:</p> <p>changes in living memory - Florence Nightingale</p> <p>significant people in their own locality – LS Lowry</p>	<p>Children will :</p> <p>name &amp; locate the four countries and capital cities of the United Kingdom using atlases &amp; globes</p> <p>identify seasonal / daily weather patterns in the UK and the location of hot and cold areas of the world</p> <p>use basic geographical vocabulary to refer to local &amp; familiar features</p> <p>use four compass directions &amp; simple vocab</p>	<p>Children will :</p> <p>use a range of materials and techniques such as drawing, painting and sculpture</p> <p>develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space</p> <p>study a range of artist including - Lowry</p>	<p>Children will :</p> <p>design purposeful, functional &amp; appealing products</p> <p>generate, model &amp; communicate ideas</p> <p>use range of tools &amp; materials to complete practical tasks</p> <p>evaluate existing products &amp; own ideas</p> <p>build and improve structure &amp; mechanisms</p> <p>understand where food comes from</p>	<p>Children will develop age appropriate techniques in:</p> <p>dance,</p> <p>games</p> <p>gymnastics</p>		<p>Children will :</p> <p>understand use of algorithms</p> <p>write and test simple programs</p> <p>use logical reasoning to make predictions</p> <p>organise, store, retrieve and manipulate data</p> <p>communicate online safely and respectfully</p> <p>recognise uses of IT outside of school</p>
Year 2	<p>Children through scientific investigations will study the topics below:</p> <p>Living things and their habitats</p> <p>Plants</p> <p>Animals including humans</p> <p>Uses of everyday materials</p>	<p>Children will study the topics below:</p> <p>Events beyond living memory - Great fire of London</p> <p>Significant events - Christopher Columbus</p>	<p>Children will :</p> <p>name &amp; locate world's continents and oceans</p> <p>Compare local area to a non-European country</p> <p>Use basic vocabulary to describe a less familiar area</p> <p>Use aerial images and other models to create simple plans and maps, using</p>	<p>Children will :</p> <p>use a range of materials and techniques such as drawing, painting and sculpture</p> <p>develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space</p>	<p>Children will :</p> <p>design purposeful, functional &amp; appealing products</p> <p>generate, model &amp; communicate ideas</p> <p>use range of tools &amp; materials to complete practical tasks</p> <p>evaluate existing products &amp; own ideas</p> <p>build and improve</p>	<p>Children will develop age appropriate techniques in:</p> <p>dance,</p> <p>games</p> <p>gymnastics</p>		<p>Children will :</p> <p>understand use of algorithms</p> <p>write and test simple programs</p> <p>use logical reasoning to make predictions</p> <p>organise, store, retrieve and manipulate data</p> <p>communicate online safely and respectfully</p>

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			<p>symbols</p> <p>Use simple fieldwork and observational skills to study the immediate environment</p>	<p>study a range of artist including - Picasso</p>	<p>structure &amp; mechanisms</p> <p>understand where food comes from</p>			<p>recognise uses of IT outside of school</p>
Year 3	<p>Children through scientific investigations will study the topics below:</p> <p>Plants</p> <p>Animals including humans</p> <p>Rocks</p> <p>Lights</p> <p>Forces and magnets</p>	<p>Children will study the topics below:</p> <p>Stone age to Iron age</p> <p>Vikings</p> <p>Anglo Saxons</p>	<p>Children will :</p> <p>locate world's countries, focusing on <u>Europe</u> focus on key physical &amp; human features</p> <p>Study a region of the <u>UK</u> (not local area)</p> <p>Use 8 points of compass, symbols &amp; keys</p> <p>Describe &amp; understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc.</p> <p>Use fieldwork to observe, measure &amp; record</p>	<p>Children will :</p> <p>create sketch books to record their observations</p> <p>improve their techniques, in drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]</p> <p>study a range of artist including – Van Gogh</p>	<p>Children will :</p> <p>use research&amp; criteria to develop products which are fit for purpose</p> <p>use annotated sketches and prototypes to explain ideas</p> <p>evaluate existing products and improve own work</p> <p>use mechanical systems in own work</p> <p>understand seasonality; prepare &amp; cook mainly savoury dishes</p>	<p>Children will develop age appropriate techniques in:</p> <p>dance,</p> <p>games</p> <p>gymnastics</p>	<p>Children through studying French will:</p> <p>listen &amp; engage ask &amp; answer questions</p> <p>speak in sentences using familiar vocabulary</p> <p>develop appropriate pronunciation</p> <p>show understanding of words &amp; phrases</p> <p>appreciate stories, songs, poems &amp; rhymes</p> <p>broaden vocabulary</p>	<p>Children will :</p> <p>design &amp; write programs to achieve specific goals, including solving problems</p> <p>use logical reasoning</p> <p>understand computer networks</p> <p>use internet safely and appropriately</p> <p>collect and present data appropriately</p>
Year 4	<p>Children through scientific investigations will study the topics below:</p> <p>Living things and their habitats</p> <p>Animals including humans</p>	<p>Children will study the topics below:</p> <p>Egyptians</p> <p>Ancient Greeks</p> <p>Romans</p>	<p>Children will :</p> <p>locate world's countries, focussing on <u>Africa</u> focus on key physical &amp; human features</p> <p>study a region of the <u>UK</u> (not local area)</p> <p>use 8 points of</p>	<p>Children will :</p> <p>create sketch books to record their observations</p> <p>to improve their techniques, in drawing, painting and sculpture with a</p>	<p>Children will :</p> <p>use research&amp; criteria to develop products which are fit for purpose</p> <p>use annotated sketches and prototypes to explain ideas</p>	<p>Children will develop age appropriate techniques in:</p> <p>dance,</p> <p>games</p> <p>gymnastics</p>	<p>Children through studying French will:</p> <p>listen &amp; engage</p> <p>ask &amp; answer questions</p> <p>speak in sentences using familiar vocabulary</p>	<p>Children will :</p> <p>design &amp; write programs to achieve specific goals, including solving problems</p> <p>use logical reasoning</p> <p>understand</p>

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	<p>States of matter</p> <p>Sound</p> <p>Electricity</p>		<p>compass, symbols &amp; keys</p> <p>describe &amp; understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc.</p> <p>use fieldwork to observe, measure &amp; record</p>	<p>range of materials [for example, pencil, charcoal, paint, clay]</p> <p>to study a range of artist including – Andy Warhol</p>	<p>evaluate existing products and improve own work</p> <p>use mechanical systems in own work</p> <p>understand seasonality; prepare &amp; cook mainly savoury dishes</p>		<p>develop appropriate pronunciation</p> <p>show understanding of words &amp; phrases</p> <p>appreciate stories, songs, poems &amp; rhymes</p> <p>broaden vocabulary</p>	<p>computer networks</p> <p>use internet safely and appropriately</p> <p>collect and present data appropriately</p>
Year 5	<p>Children through scientific investigations will study the topics below:</p> <p>Living things and their habitats</p> <p>Animals including humans</p> <p>Properties and changes of materials</p> <p>Earth and space Forces</p>	<p>Children will study the topics below:</p> <p>Tudors</p> <p>Mayans</p> <p>Victorians</p>	<p>Children will :</p> <p>understand latitude, longitude, Equator, hemispheres, tropics, polar circles &amp; time zones</p> <p>study a region of the <u>Americas</u></p> <p>understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.</p> <p>use 4-figure grid references on OS maps</p> <p>use fieldwork to record &amp; explain areas</p>	<p>Children will :</p> <p>create sketch books to record their observations</p> <p>to improve their techniques, in drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]</p> <p>to study a range of artist including – David Hockney</p>	<p>Children will :</p> <p>use research&amp; criteria to develop products which are fit for purpose and aimed at specific groups</p> <p>use annotated sketches, cross-section diagrams &amp; computer-aided design</p> <p>analyse &amp; evaluate existing products and improve own work</p> <p>use mechanical &amp; electrical systems in own products, including programming</p> <p>cook savoury dishes for a healthy &amp; varied diet</p>	<p>Children will develop age appropriate techniques in:</p> <p>dance,</p> <p>games</p> <p>gymnastics</p>	<p>Children through studying French will:</p> <p>listen &amp; engage</p> <p>engage in conversations, expressing opinions</p> <p>speak in simple language &amp; be understood</p> <p>develop appropriate pronunciation</p> <p>present ideas &amp; information orally</p> <p>show understanding in simple reading</p> <p>adapt known language to create new ideas</p> <p>describe people, places &amp; things</p> <p>understand basic grammar, e.g. gender</p>	<p>Children will :</p> <p>design &amp; write programs to solve problems</p> <p>use sequences, repetition, inputs, variables and outputs in programs</p> <p>detect &amp; correct errors in programs</p> <p>understand uses of networks for collaboration &amp; communication</p> <p>be discerning in evaluating digital content</p>

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Year 6	<p>Children through scientific investigations will study the topics below:</p> <p>Living things and their habitats</p> <p>Animals including humans</p> <p>Evolution and inheritance</p> <p>Light</p> <p>Electricity</p>	<p>Children will study the topics below:</p> <p>WWI and beyond</p> <p>Local study</p>	<p>Children will :</p> <p>understand latitude, longitude, Equator, hemispheres, tropics, polar circles &amp; time zones</p> <p>study a region of <u>Asia</u></p> <p>understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.</p> <p>use 4-figure grid references on OS maps</p> <p>use fieldwork to record &amp; explain areas</p>	<p>Children will :</p> <p>create sketch books to record their observations</p> <p>to improve their techniques, in drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]</p> <p>to study a range of artist including – Clarice Cliff</p>	<p>Children will :</p> <p>use research&amp; criteria to develop products which are fit for purpose and aimed at specific groups</p> <p>use annotated sketches, cross-section diagrams &amp; computer-aided design</p> <p>analyse &amp; evaluate existing products and improve own work</p> <p>use mechanical &amp; electrical systems in own products, including programming</p> <p>cook savoury dishes for a healthy &amp; varied diet</p>	<p>Children will develop age appropriate techniques in:</p> <p>dance,</p> <p>games</p> <p>gymnastics</p>	<p>Children through studying French will:</p> <p>listen &amp; engage</p> <p>engage in conversations, expressing opinions</p> <p>speak in simple language &amp; be understood</p> <p>develop appropriate pronunciation</p> <p>present ideas &amp; information orally</p> <p>show understanding in simple reading</p> <p>adapt known language to create new ideas</p> <p>describe people, places &amp; things</p> <p>understand basic grammar, e.g. gender</p>	<p>Children will :</p> <p>design &amp; write programs to solve problems</p> <p>use sequences, repetition, inputs, variables and outputs in programs</p> <p>detect &amp; correct errors in programs</p> <p>understand uses of networks for collaboration &amp; communication</p> <p>be discerning in evaluating digital content</p>
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Please see individual year group's long term plans for more information.